

certificate
no. **HM 210002**
dated 2021-12-08

Translation In any case, the German original shall prevail.

DGUV Test Certificate

Name and address of the holder of the certificate: (customer) ROSS EUROPA GmbH
Robert-Bosch-Straße 2
63225 Langen
GERMANY

Product designation: **Press safety valve**

Type: CF 1, CF 2, CF 4, CF 8, CF 12, CF 30

Testing based on: GS-HM-21 "Presses", 2021-09

Test report: No. HSM 2021-021 dated 19.11.2021

Further details: Intended use:
Installation into mechanical presses according to
DIN EN ISO 16092-1/-2.

Remarks:
see Annex

Follow-up certificate of HSM 00172 dated 15.11.2011.

The type tested meets the requirements specified in article 3 para. 1 of the German Product Safety Act. Thus, the type tested also complies with the provisions laid down in the directive 2006/42/EC (**Machinery**). The holder of the certificate is entitled to affix the DGUV Test mark shown overleaf to the products complying with the type tested.

The present certificate including the right to affix the DGUV Test mark is valid until: **2026-12-07**

Further provisions concerning the validity, the extension of the validity and other conditions are laid down in the Rules of Procedure for Testing and Certification.


Dipl.-Ing. Jan Stegmann
Head of Certification Body



DGUV Test mark



ANNEX

to certificate no. HM 210002 dated 08.12.2021

TRANSLATION

Name and address of the
certificate holder:

ROSS EUROPA GmbH
Robert- Bosch- Straße 2
63225 Langen

Product designation:

Press safety valve
CF 1, CF 2, CF 4, CF 8, CF 12, CF 30

Remarks:

- Selection and installation according to manufacturer's specifications and requirements of DIN EN ISO 16092-1/-2.
- Measures preventing the PSV from switching on when the pressure returns are necessary on the machine.
- Apart from a rotary union, no other component must be installed between the clutch/brake and the PSV.
- In conjunction with machine-related measures (suitable valve control, adequate diagnostics, pressure media filtration, etc.), the safety function "Pressure building up from '1' to '2' and Pressure dropping from '2' to '3'" is capable of achieving DIN EN ISO 13849-1: PL e (category 4).
- This certificate does not cover any safety aspects regarding
 - installation in machines other than mechanical presses according to DIN EN ISO 16092-1/-2
 - explosion protectionand does not cover any warranted non-safety-related characteristics.
- The manufacturer's risk assessment has not been examined.

Mainz, 08.12.2021


(Jan Stegmann)

Head of Certification Body

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